WHAT IS CLAIMED IS:

- 1. An isolated peptide selected from the group consisting of:
 - (a) a peptide comprising at least 1 epitope or analog selected from the group consisting of: SEQ ID Nos: 42-361, but excluding SEQ ID NO:42, 60, 62, 67, 82, 86, 101, 116, 153, 362, 230, 265, 290, 321, 334, and 345;
 - (b) a peptide comprising at least 2 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 16a;
 - (c) a peptide comprising at least 3 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 16b;
 - (d) a peptide comprising at least 4 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 16c;
 - (e) a peptide comprising at least 2 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 16d;
 - (f) a peptide comprising at least 1 epitope or analog selected from the group consisting of the epitopes and analogs in Table 17a;
 - (g) a peptide comprising at least 1 epitope or analog selected from the group consisting of the epitopes and analogs in Table 17b;
 - (h) a peptide comprising at least 3 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 17c;

 (i) a peptide comprising at least 1 epitope or analog selected from the group consisting of the epitopes and analogs in Table 17d;

- (j) a peptide comprising at least 1 epitope or analog selected from the group consisting of the epitopes and analogs in Table 18a;
- (k) a peptide comprising at least 1 epitope or analog selected from the group consisting of the epitopes and analogs in Table 18b;
- a peptide comprising at least 2 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 18c;
- (m) a peptide comprising at least 1 epitope or analog selected from the group consisting of the epitopes and analogs in Table 18d;
- (n) a peptide comprising at least 3 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 19a;
- (o) a peptide comprising at least 1 epitope or analog selected from the group consisting of the epitopes and analogs in Table 19b;
- (p) a peptide comprising at least 4 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 19c;
- (q) a peptide comprising at least 1 epitope or analog selected from the group consisting of the epitopes and analogs in Table 19d;
- (r) a peptide comprising at least 7 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 20;

- (s) a peptide comprising at least 2 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 21;
- (t) a peptide comprising at least 2 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 22;
- (u) a peptide comprising at least 6 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 23;
- (v) a peptide comprising at least 1, 2, 3, 4, 5, or 6 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 26;
- (w) a peptide comprising at least 1, 2, 3, 4, 5, or 6 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 27;
- (x) a peptide comprising at least 1, 2, 3, 4, 5, or 6 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 28;
- (y) a peptide comprising at least 1, 2, 3, 4, 5, or 6 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 29; and
- (z) a peptide comprising at least 1, 2, 3, 4, 5, or 6 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 30.
- 2. The peptide of claim 1, which comprises at least 2 of said epitopes or analogs.
- 3. The peptide of claim 1, which comprises at least 3 of said epitopes or analogs.
- 4. The peptide of claim 1, which comprises at least 4 of said epitopes or analogs.

5. The peptide of claim 1, which comprises at least 5 of said epitopes or analogs.

- 6. The peptide of claim 1, which comprises at least 6 of said epitopes or analogs.
- 7. The peptide of claim 1, which comprises at least 7 of said epitopes or analogs.
- 8. The peptide of claim 1, which comprises at least 8 of said epitopes or analogs.
- 9. The peptide of claim 1, which comprises at least 9 of said epitopes or analogs.
- 10. An isolated peptide comprising (a) an epitope or analog selected from the group consisting of: SEQ ID NO:42, 60, 62, 67, 82, 86, 101, 116, 153, 362, 230, 265, 290, 321, 334, and 345; and (b) an epitope or analog selected from the group consisting of: SEQ ID NO:41-59, 61, 63-66, 68-81, 83-85, 87-100, 102-115, 117-152, 154-229, 231-264, 266-289, 291-320, 322-333, 335-344, and 346-361.
- 11. An isolated peptide comprising (a) an epitope or analog selected from the group consisting of: SEQ ID NO:42, 60, 62, 67, 82, 86, 101, 116, 153, 362, 230, 265, 290, 321, 334, and 345; and (b) an epitope or analog selected from the group consisting of: SEQ ID NO:368-745.
- 12. An isolated peptide comprising (a) an epitope or analog selected from the group consisting of: SEQ ID NO:1-25; and (b) an epitope or analog selected from the group consisting of: SEQ ID NO:41-59, 61, 63-66, 68-81, 83-85, 87-100, 102-115, 117-152, 154-229, 231-264, 266-289, 291-320, 322-333, 335-344, and 346-361.
- 13. An isolated peptide comprising (a) an epitope or analog selected from the group consisting of: SEO ID NO:1-25; and

- (b) an epitope or analog selected from the group consisting of: SEQ ID NO:368-745.
- 14. An isolated peptide selected from the group consisting of:
 - (a) a peptide comprising at least 2 epitopes or analogs selected from the group consisting of: SEQ ID NO:42, 44, 46, 51, 52, 54, and 55;
 - (b) a peptide comprising at least 4 epitopes or analogs selected from the group consisting of: SEQ ID NO: 57, 60, 62, 67, 68, 69, 70, 73, and 75;
 - (c) a peptide comprising at least 2 epitopes or analogs selected from the group consisting of: SEQ ID NO:77, 82, 90, 91, 96, 99, 102, and 103;
 - (d) a peptide comprising at least 2 epitopes or analogs selected from the group consisting of: SEQ ID NO:104, 107, 111, 114, 116, 119, and 124;
 - (e) a peptide comprising at least 1 epitope or analog selected from the group consisting of: SEQ ID NO:133, 136, and 155;
 - (f) a peptide comprising at least 2 epitopes or analogs selected from the group consisting of: SEQ ID NO:140, 146, and 153;
 - (g) a peptide comprising at least 1 epitope or analog selected from the group consisting of: SEQ ID NO:161, 167, 170, 172, 178, 180, 181, and 182;
 - (h) a peptide comprising at least 1 epitope or analog selected from the group consisting of: SEQ ID NO:186, 188, 189, 191, 194, 198, 200, 201, and 208;
 - (i) a peptide comprising at least 2 epitopes or analogs selected from the group consisting of: SEQ ID NO:211, 216, 219, 221, 228, 230, 234, and 236;

(j) a peptide comprising at least 1 epitope or analog selected from the group consisting of: SEQ ID NO:238, 239, 240, 242, and 246;

- (k) a peptide comprising at least 3 epitopes or analogs selected from the group consisting of: SEQ ID NO:256, 263, 265, 269, 272, 278, 279, 281, 282, 285, 287, and 290;
- (1) a peptide comprising at least 1 epitope or analog selected from the group consisting of: SEQ ID NO:292, 293, 304, 305, 308, and 310;
- (m)a peptide comprising at least 4 epitopes or analogs selected from the group consisting of: SEQ ID NO:316, 321, 324, 345, 331-336, 344, 345, and 351;
- (n) a peptide comprising at least 1 epitope or analog selected from the group consisting of: SEQ ID NO:356 and 361.
- 15. The peptide of any one of claims 1-14, which comprises an HTL peptide.
- 16. A compsition comprising the peptide of any of claims 1-15, and a diluent.
- 17. A composition comprising:
 - (aa) at least 1 epitope or analog selected from the group consisting of: SEQ ID Nos: 42-361, but excluding SEQ ID NO:42, 60, 62, 67, 82, 86, 101, 116, 153, 362, 230, 265, 290, 321, 334, and 345;
 - (bb) at least 2 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 16a;
 - (cc) at least 3 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 16b;
 - (dd) at least 4 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 16c;

(ee) at least 2 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 16d;

- (ff) at least 1 epitope or analog selected from the group consisting of the epitopes and analogs in Table 17a;
- (gg) at least 1 epitope or analog selected from the group consisting of the epitopes and analogs in Table 17b;
- (hh) at least 3 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 17c;
- (ii) at least 1 epitope or analog selected from the group consisting of the epitopes and analogs in Table 17d;
- (jj) at least 1 epitope or analog selected from the group consisting of the epitopes and analogs in Table 18a;
- (kk) at least 1 epitope or analog selected from the group consisting of the epitopes and analogs in Table 18b;
- (ll) at least 2 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 18c;
- (mm) at least 1 epitope or analog selected from the group consisting of the epitopes and analogs in Table 18d;
- (nn) at least 3 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 19a;
- (00) at least 1 epitope or analog selected from the group consisting of the epitopes and analogs in Table 19b;
- (pp) at least 4 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 19c;
- (qq) at least 1 epitope or analog selected from the group consisting of the epitopes and analogs in Table 19d;
- (rr) at least 7 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 20;
- (ss)at least 2 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 21;

(tt) at least 2 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 22;

- (uu) at least 6 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 23;
- (vv) at least 1, 2, 3, 4, 5, or 6 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 26;
- (ww) at least 1, 2, 3, 4, 5, or 6 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 27;
- (xx) at least 1, 2, 3, 4, 5, or 6 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 28;
- (yy) at least 1, 2, 3, 4, 5, or 6 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 29; and
- (zz) at least 1, 2, 3, 4, 5, or 6 epitopes or analogs selected from the group consisting of the epitopes and analogs in Table 30.
- 18. The composition of claim 17, which comprises at least 2 of said epitopes or analogs.
- 19. The composition of claim 17, which comprises at least 3 of said epitopes or analogs.
- 20. The composition of claim 17, which comprises at least 4 of said epitopes or analogs.
- 21. The composition of claim 17, which comprises at least 5 of said epitopes or analogs.
- 22. The composition of claim 17, which comprises at least 6 of said epitopes or analogs.
- 23. The composition of claim 17, which comprises at least 7 of said epitopes or analogs.

- 24. The composition of claim 17, which comprises at least 8 of said epitopes or analogs.
- 25. The composition of claim 17, which comprises at least 9 of said epitopes or analogs.
- A composition comprising (a) an epitope or analog selected from the group consisting of: SEQ ID NO:42, 60, 62, 67, 82, 86, 101, 116, 153, 362, 230, 265, 290, 321, 334, and 345; and (b) an epitope or analog selected from the group consisting of: SEQ ID NO:41-59, 61, 63-66, 68-81, 83-85, 87-100, 102-115, 117-152, 154-229, 231-264, 266-289, 291-320, 322-333, 335-344, and 346-361.
- 27. A composition comprising (a) an epitope or analog selected from the group consisting of: SEQ ID NO:42, 60, 62, 67, 82, 86, 101, 116, 153, 362, 230, 265, 290, 321, 334, and 345; and (b) an epitope or analog selected from the group consisting of: SEQ ID NO:368-745.
- 28. A composition comprising (a) an epitope or analog selected from the group consisting of: SEQ ID NO:1-25; and (b) an epitope or analog selected from the group consisting of: SEQ ID NO:41-59, 61, 63-66, 68-81, 83-85, 87-100, 102-115, 117-152, 154-229, 231-264, 266-289, 291-320, 322-333, 335-344, and 346-361.
- 29. A composition comprising (a) an epitope or analog selected from the group consisting of: SEQ ID NO:1-25; and (b) an epitope or analog selected from the group consisting of: SEQ ID NO:368-745.
- 30. A composition selected from the group consisting of:(o) at least 2 epitopes or analogs selected from the group consisting of: SEQ ID NO:42, 44, 46, 51, 52, 54, and 55;

(p) at least 4 epitopes or analogs selected from the group consisting of: SEQ ID NO: 57, 60, 62, 67, 68, 69, 70, 73, and 75;

- (q) at least 2 epitopes or analogs selected from the group consisting of: SEQ ID NO:77, 82, 90, 91, 96, 99, 102, and 103;
- (r) at least 2 epitopes or analogs selected from the group consisting of: SEQ ID NO:104, 107, 111, 114, 116, 119, and 124;
- (s) at least 1 epitope or analog selected from the group consisting of: SEQ ID NO:133, 136, and 155;
- (t) at least 2 epitopes or analogs selected from the group consisting of: SEQ ID NO:140, 146, and 153;
- (u) at least 1 epitope or analog selected from the group consisting of: SEQ ID NO:161, 167, 170, 172, 178, 180, 181, and 182;
- (v) at least 1 epitope or analog selected from the group consisting of: SEQ ID NO:186, 188, 189, 191, 194, 198, 200, 201, and 208;
- (w) at least 2 epitopes or analogs selected from the group consisting of: SEQ ID NO:211, 216, 219, 221, 228, 230, 234, and 236;
- (x) at least 1 epitope or analog selected from the group consisting of: SEQ ID NO:238, 239, 240, 242, and 246;
- (y) at least 3 epitopes or analogs selected from the group consisting of: SEQ ID NO:256, 263, 265, 269, 272, 278, 279, 281, 282, 285, 287, and 290;
- (z) at least 1 epitope or analog selected from the group consisting of: SEQ ID NO:292, 293, 304, 305, 308, and 310;

(aa) at least 4 epitopes or analogs selected from the group consisting of: SEQ ID NO:316, 321, 324, 345, 331-336, 344, 345, and 351;

- (bb) at least 1 epitope or analog selected from the group consisting of: SEQ ID NO:356 and 361.
- 31. The composition of any of claims 17-30, which further comprises an HTL peptide.